LOCATION SKETCH

VERTICAL LEG
6" R.
9 9 9"

BAR TYPE

PROFILE ALONG CULVERT

CONCRETE IN CULVERTS TO BE POURED IN THE FOLLOWING ORDER:

1. Wing footings and floor slab including 4" of all vertical walls.
2. The remaining portions of the walls and floor slab.

The Resident Engineer shall check the length of culvert before staking it out to make certain that it will properly take care of the fill.

THIS BARREL STANDARD TO BE USED ONLY ON CULVERT ON 75° SKEW AND TO BE USED WITH STANDARD WING SHEET WITH THE SAME SKEW AND VERTICAL CLEARANCE.

CONCRETE IN CULVERTS TO BE POURED IN THE FOLLOWING ORDER:

1. Wing footings and floor slab including 4" of all vertical walls.
2. The remaining portions of the walls and floor slab.

TRANSVERSE CONSTRUCTION JOINTS SHALL BE USED IN THE BARREL, SPACED TO LIMIT THE POURS TO A MAXIMUM OF 70 FT. LOCATION OF JOINTS SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.

IN THE INTERIOR FACE OF EXTERIOR WALL ABOVE LOWER WALL CONSTRUCTION JOINT. THE SPLICE LENGTH SHALL BE AS PROVIDED IN THE SPLICE LENGTH CHART SHOWN ON THE PLANS. EXTRA WEIGHT OF STEEL DUE TO THE SPLICES SHALL BE PAID FOR BY THE CONTRACTOR.

OF ALL VERTICAL WALLS.

2. The remaining portions of the walls and floor slab.

TOTAL STRUCTURE QUANTITIES

<table>
<thead>
<tr>
<th>CLASS OF CONCRETE</th>
<th>BARREL @</th>
<th>C.Y.</th>
<th>WINGS ETC.</th>
<th>C.Y.</th>
<th>TOTAL</th>
<th>C.Y.</th>
<th>REINFORCING STEEL</th>
<th>LBS.</th>
<th>WINGS ETC.</th>
<th>LBS.</th>
<th>TOTAL</th>
<th>LBS.</th>
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<tbody>
<tr>
<td>CLASS A CONCRETE</td>
<td>1/4&quot;</td>
<td>600</td>
<td>4&quot;</td>
<td>300</td>
<td>900</td>
<td>900</td>
<td>1/4&quot;</td>
<td>900</td>
<td>4&quot;</td>
<td>300</td>
<td>900</td>
<td>900</td>
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REMOVAL OF EXISTING STRUCTURE:

<table>
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<th>LUMP SUM TONS</th>
<th>1000</th>
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ASSUMED LIVE LOAD: 4.5 LS OR ALTERNATE LOADING.

DESIGN FILL:

FOR OTHER DESIGN DATA AND NOTES SEE STANDARD NOTE SHEET.
CULVERT SECTION NORMAL TO ROADWAY

END ELEVATION NORMAL TO SKEW

PART PLAN - ROOF SLAB

PART PLAN - FLOOR SLAB

CONNECTION OF WING FOOTING AND FLOOR SLAB WHEN SLAB IS THICKER THAN FOOTING

PROJECT NO.

COUNTY

STATION:

SHEET 2 OF 2

DEPARTMENT OF TRANSPORTATION

BARREL STANDARD

SINGLE FT X FT

CONCRETE BOX CULVERT 15° SKEW

SKEW TRIANGLE